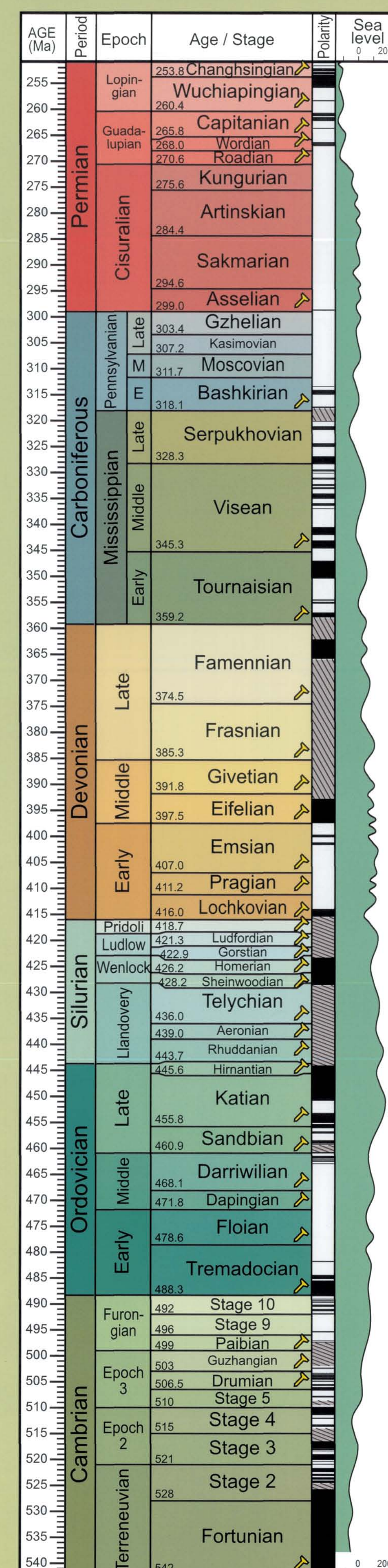


## PHANEROZOIC & PRECAMBRIAN

## PALEOZOIC



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Color Codes according to the  
COMMISSION FOR THE GEOLOGICAL MAP OF THE WORLD (CGMW)

## CMYK COLOR CODE

Phanerozoic (40/0/5/0)	Cenozoic (5/0/90/0)	Quaternary* (0/0/50/0)	Holocene (0/5/10/0)	(0/5/5/0)
			Upper (0/5/15/0)	
			Pleistocene (0/5/30/0)	Middle (0/5/20/0)
			Lower (0/5/25/0)	
		Pliocene (0/0/40/0)	Gelasian (0/0/20/0)	
			Piacenzian (0/0/25/0)	
			Zanclean (0/0/30/0)	
			Messinian (0/0/55/0)	
		Miocene (0/0/100/0)	Tortonian (0/0/60/0)	
			Serravallian (0/0/65/0)	
			Langhian (0/0/70/0)	
			Burdigalian (0/0/75/0)	
	Paleogene (0/40/60/0)	Oligocene (0/25/45/0)	Aquitanian (0/0/80/0)	
			Chattian (0/10/30/0)	
			Rupelian (0/15/35/0)	
			Priabonian (0/20/30/0)	
		Eocene (0/30/50/0)	Bartonian (0/25/35/0)	
			Lutetian (0/30/40/0)	
			Ypresian (0/35/45/0)	
			Thanetian (0/25/50/0)	
		Paleocene (0/35/55/0)	Selandian (0/25/55/0)	
			Danian (0/30/55/0)	
	Mesozoic (60/0/10/0)	Upper (35/0/75/0)	Maastrichtian (5/0/45/0)	
			Campanian (10/0/50/0)	
			Santonian (15/0/55/0)	
			Coniacian (20/0/60/0)	
		Lower (45/0/70/0)	Turonian (25/0/65/0)	
			Cenomanian (30/0/70/0)	
			Albian (20/0/40/0)	
			Aptian (25/0/45/0)	
			Barremian (30/0/50/0)	
			Hauterivian (35/0/55/0)	
			Valanginian (40/0/60/0)	
			Berriasian (45/0/65/0)	

Phanerozoic (40/0/5/0)	Mesozoic (60/0/10/0)	Jurassic (80/0/5/0)	Upper (30/0/0/0)	Tithonian (15/0/0/0)
			Kimmeridgian (20/0/0/0)	
			Oxfordian (25/0/0/0)	
			Callovian (25/0/5/0)	
		Middle (50/0/5/0)	Bathonian (30/0/5/0)	
			Bajocian (35/0/5/0)	
			Aalenian (40/0/5/0)	
			Toarcian (40/5/0/0)	
		Lower (75/5/0/0)	Pliensbachian (50/5/0/0)	
			Sinemurian (60/5/0/0)	
			Hettangian (70/5/0/0)	
			Rhaetian (10/25/0/0)	
	Triassic (50/80/0/0)	Upper (25/40/0/0)	Norian (15/30/0/0)	
			Camian (20/35/0/0)	
			Ladinian (20/45/0/0)	
			Anisian (25/50/0/0)	
		Middle (30/55/0/0)	Olenekian (30/65/0/0)	
			Induan (35/70/0/0)	
			Changhsingian (0/25/20/0)	
			Wuchiapingian (0/30/25/0)	
		Lower (40/75/0/0)	Capitanian (0/40/35/0)	
			Wordian (0/45/40/0)	
			Roadian (0/50/45/0)	
			Kungurian (10/45/40/0)	
Phanerozoic (40/0/5/0)	Paleozoic (40/10/40/0)	Permian (5/75/75/0)	Artinskian (10/50/45/0)	
			Sakmarian (10/55/50/0)	
			Asselian (10/60/55/0)	
			Gzhelian (20/10/15/0)	
		Lopingian (0/35/30/0)	Kasimovian (25/10/15/0)	
			Moscovian (30/10/20/0)	
			Bashkirian (40/10/20/0)	
			Serpukhovian (25/15/55/0)	
		Guadalupian (0/55/50/0)	Visean (35/15/55/0)	
			Tournaisian (45/15/55/0)	
	Carboniferous (60/15/30/0)	Pennsylvanian (40/10/20/0)	Upper (25/10/20/0)	
			Middle (35/10/20/0)	
			Lower (45/10/20/0)	
			Upper (30/15/55/0)	
		Mississippian (60/25/55/0)	Middle (40/15/55/0)	
			Lower (50/15/55/0)	
		Carboniferous (60/15/30/0)	Upper (25/10/20/0)	
			Middle (35/10/20/0)	
			Lower (45/10/20/0)	
			Upper (30/15/55/0)	

Phanerozoic (40/0/5/0)	Paleozoic (40/10/40/0)	Devonian (20/40/75/0)	Upper (5/10/35/0)	Famennian (5/5/20/0)
			Frasnian (5/5/30/0)	
			Givetian (5/10/45/0)	
			Eifelian (5/15/50/0)	
		Middle (5/20/55/0)	Emsian (10/15/50/0)	
			Pragian (10/20/55/0)	
			Lochkovian (10/25/60/0)	
			Pridoli (10/0/10/0)	(10/0/10/0)
		Lower (10/30/65/0)	Ludlow (25/0/15/0)	Ludfordian (15/0/10/0)
			Gorstian (20/0/10/0)	
			Homerian (20/0/15/0)	
			Sheinwoodian (25/0/20/0)	
	Silurian (30/0/25/0)	Llandovery (40/0/25/0)	Telychian (25/0/15/0)	
			Aeronian (30/0/20/0)	
			Rhuddanian (35/0/25/0)	
			Hirnantian (35/0/30/0)	
		Upper (50/0/40/0)	Katian (40/0/35/0)	
			Sandbian (45/0/40/0)	
			Darriwilian (55/0/35/0)	
			Dapingian (60/0/40/0)	
		Middle (70/0/50/0)	Floian (75/0/45/0)	
			Tremadocian (80/0/50/0)	
			Stage 10 (10/0/20/0)	
			Stage 9 (15/0/25/0)	
Phanerozoic (40/0/5/0)	Paleozoic (40/10/40/0)	Ordovician (100/0/60/0)	Paibian (20/0/30/0)	
			Guzhangian (20/5/30/0)	
			Drumian (25/5/35/0)	
			Stage 5 (30/5/40/0)	
		Lower (90/0/60/0)	Stage 4 (30/10/40/0)	
			Stage 3 (35/10/45/0)	
			Stage 2 (35/15/45/0)	
			Fortunian (40/15/50/0)	
		Furongian (30/0/40/0)		
	Cambrian (50/20/65/0)	Series 3 (35/5/45/0)		
		Series 2 (40/10/50/0)		
		Terreneuvian (45/15/55/0)		

Phanerozoic (40/0/5/0)	Proterozoic (0/75/30/0)	Neo-proterozoic (0/30/70/0)	Ediacaran (0/15/55/0)	
			Cryogenian (0/20/60/0)	
			Tonian (0/25/65/0)	
			Stenian (0/15/35/0)	
		Meso-proterozoic (0/30/55/0)	Ectasian (0/20/40/0)	
			Calymmian (0/25/45/0)	
			Statherian (0/55/10/0)	
			Orosirian (0/60/15/0)	
		Paleo-proterozoic (0/75/30/0)	Rhyacian (0/65/20/0)	
			Siderian (0/70/25/0)	
	Archean (0/100/0/0)	Neoproterozoic (0/40/5/0)		(0/35/5/0)
		Mesoarchean (0/60/5/0)		(0/50/5/0)
		Paleoarchean (0/75/0/0)		(0/60/0/0)
		Eoarchean (10/100/0/0)		(5/90/0/0)

Explanation:

The CMYK color code is an additive model with percentages of Cyan, Magenta, Yellow and Black. For example: the CMYK color for Devonian (20/40/75/0) is a mixture of 20% Cyan, 40% Magenta, 75% Yellow and 0% Black.

\* Definition of the Quaternary and revision of the Pleistocene are under discussion. Base of the Pleistocene is at 1.81 Ma (base of Calabrian), but may be extended to 2.59 Ma (base of Gelasian). The historic "Tertiary" comprises the Paleogene and Neogene, and has no official rank.

## RGB COLOR CODE

Phanerozoic (40/0/5/0)	Cenozoic (5/0/90/0)	Quaternary* (0/0/50/0)	Holocene (0/5/10/0)	254/242/236
			Upper (0/5/15/0)	255/242/211
			Pleistocene (0/5/30/0)	Middle 255/242/199
			Lower (0/5/25/0)	255/242/186
		Pliocene (0/0/40/0)	Gelasian (0/0/20/0)	255/255/204
			Piacenzian (0/0/25/0)	255/255/191
			Zanclean (0/0/30/0)	255/255/179
			Messinian (0/0/55/0)	255/255/115
		Miocene (0/0/100/0)	Tortonian (0/0/60/0)	255/255/102
			Serravallian (0/0/65/0)	255/255/89
			Langhian (0/0/70/0)	255/255/77
			Burdigalian (0/0/75/0)	255/255/65
	Paleogene (0/40/60/0)	Oligocene (0/25/45/0)	Aquitanian (0/0/80/0)	255/255/51
			Chattian (0/10/30/0)	254/230/170
			Rupelian (0/15/35/0)	254/217/154
			Priabonian (0/20/30/0)	253/205/161
		Eocene (0/30/50/0)	Bartonian (0/25/35/0)	253/192/145
			Lutetian (0/30/40/0)	252/180/130
			Ypresian (0/35/45/0)	252/167/115
			Thanetian (0/25/50/0)	253/191/111
		Paleocene (0/35/55/0)	Selandian (0/25/55/0)	254/191/101
			Danian (0/30/55/0)	253/180/98
	Mesozoic (60/0/10/0)	Upper (35/0/75/0)	Maastrichtian (5/0/45/0)	242/250/140
			Campanian (10/0/50/0)	230/244/127
			Santonian (15/0/55/0)	217/239/116
			Coniacian (20/0/60/0)	204/233/104
		Lower (45/0/70/0)	Turonian (25/0/65/0)	191/227/93
			Cenomanian (30/0/70/0)	179/222/83
			Albian (20/0/40/0)	204/234/151
			Aptian (25/0/45/0)	191/228/138
			Barremian (30/0/50/0)	179/223/127
			Hauterivian (35/0/55/0)	166/217/117
			Valanginian (40/0/60/0)	153/211/106
			Berriasian (45/0/65/0)	140/205/96

Phanerozoic			154/217/221	
Paleozoic		Mesozoic		
153/192/141		103/197/202		
Triassic 129/43/146		Jurassic 52/178/201		
Paleozoic	Permian 240/64/40	Upper 189/140/195	Rhaetian	227/185/219
			Norian	214/170/211
			Carnian	201/155/203
		Middle 177/104/177	Ladinian	201/131/191
			Anisian	188/117/183
		Lower 152/57/153	Olenekian	176/81/165
	Carboniferous 103/165/153	Lopingian	Induan	164/70/159
		Guadalupian 25/11/16/92	Changhsingian	252/192/178
			Wuchiapingian	252/180/162
		Mississippian 103/140/102	Capitanian	251/154/133
			Wordian	251/141/118
			Roadian	251/128/105
Pennsylvanian 153/194/181	Kungurian		227/135/118	
	Artinskian		227/123/104	
	Sakmarian		227/111/92	
	Permian 239/88/69	Asselian	227/99/80	
Gzhelian		204/212/199		
Kasimovian		191/208/197		
Moscovian		179/203/185		
Bashkirian		153/194/181		
Serpukhovian		191/194/107		
Carboniferous 103/140/102	Visean	166/185/108		
	Tournaisian	140/176/108		
	Mississippian 103/140/102	Upper 191/208/186		
		Middle 166/199/183		
Lower 140/190/180				
Upper 179/190/108				
Carboniferous 103/140/102	Middle 153/180/108			
	Lower 128/171/108			